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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Guoxian Liang et al.

Serial No.: 10/770,939

Filed: February 3, 2004

For: Ca-Mm-Ni BASED HYDROGEN
STORAGE ALLOYS



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Confirmation No.: 1631

Group Art Unit: 1742

Examiner: Unknown

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

Copies of the U.S. Patent documents listed on the enclosed modified Form PTO-1449 are not attached in accordance with 37 CFR 1.98(a)(2)(ii).

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Randall C. Brown".

Randall C. Brown

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Date: 10/3/05

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on

10/3/2005

A handwritten signature in black ink, appearing to read "Ellen Lovelace".

Ellen Lovelace

In place of PTO-1449 Form		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/770,939
				Filing Date	February 3, 2004
				Applicant(s)	Guoxian Liang et al.
				Art Unit	1742
				Examiner Name	Unknown
SHEET	1	OF	1	Attorney Docket Number	25000.16

U. S. PATENT DOCUMENTS				
Examiner's Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	4,096,639	06/27/1978	Sandrock
	A2	4,161,402	07/17/1979	Sandrock
	A3	4,631,170	12/23/1986	Ohnishi et al.

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N
	A4	WO 03/072838	09/04/2003	HERA Hydrogen Storage Systems Inc.	
	A5	CA 2456823	08/04/2004	HERA Hydrogen Storage Systems Inc.	

NON-PATENT LITERATURE DOCUMENTS		
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published
	A6	International Search Report dated 07/25/2003 regarding International App. No. PCT/CA03/00058
	A7	Written Opinion dated 02/27/2004 regarding International App. No. PCT/CA03/00058
	A8	International Preliminary Examination Report dated 05/21/2004 regarding International App. No. PCT/CA03/00058
	A9	European Search Report dated 12/29/2004 regarding European patent Application No. EP 04255126
	A10	G. D. SANDROCK; <i>A New Family of Hydrogen Storage Alloys Based on the System Nickel-Mischmetal-Calcium</i> ; Proc. 12 th Intersociety Energy Conversion Engineering Conference; 12 th IECEC, am, Nuclear Society, 1 (1977) pp. 951-958.
	A11	P. D. GOODSELL; <i>Stability of Rechargeable Hydriding Alloys During Extended Cycling</i> ; Journal of the Less-Common Metals, 99 (1984) pp. 1-14.
	A12	J. O. JENSEN, N. J. BJERRUM; <i>Systematic B-metal Substitution in CaNi₅</i> ; Journal of Alloys and Compounds 293-295 (1999) pp. 185-189.
	A13	H. OESTERREICHER, K. ENSSLEN, A. KERLIN, E. BUCHER; <i>Hydriding Behavior in Ca-Mg-Ni-B</i> ; Mat. Res. Bull., Vol. 15, (1980) pp. 275-283.
	A14	G. LIANG, J. HUOT, R. SCHULZ; <i>Mechanical Alloying and Hydrogen Storage Properties of CaNi₅-Based Alloys</i> ; Journal of Alloys and Compounds 321 (2001) pp. 146-150.
	A15	G. LIANG, S. RUGGERI, C. LENAIN, H. ALAMDARI, J. HUOT, L. ROUE, R. SCHULZ; <i>Synthesis of Nanocrystalline CaNi₅-Based Alloys and Use for Metal Hydride Electrode</i> ; Journal of Metastable and Nanocrystalline Materials, Vol. 11 (2001) pp. 71-76.
	A16	G. LIANG, R. SCHULZ; <i>Synthesis of Low Cost Metal Hydrides by Mechanical Alloying</i> ; Report for the CRADA project (CR-99-004), April 26, 2001.

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.